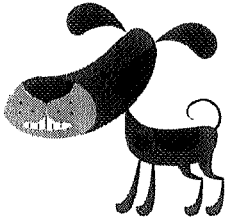


# Ecology - Adaptation

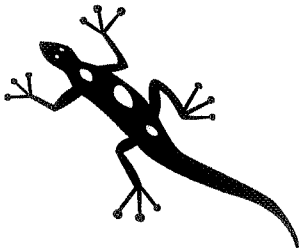
Complete the following questions in your work book and answer in fully sentences, as accurately as you can. Page 98 and 99 will help you with these.



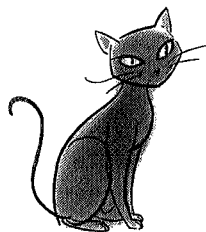
1. What is an adaptation?
2. Give examples of one structural, one functional and one behavioural adaptation.
3. Suggest some functions of a kangaroo's pouch.
4. The wombat is a similar animal to the koala. Some of the differences are that it lives on the ground and digs burrows. What kinds of adaptations would you expect the wombat to possess? Which way would its pouch be expected to face? Why?



5. A dog keeps warm without clothes, cools off in hot weather without sweating, travels swiftly across land, and eats meat rather than grass. List the structural adaptations corresponding with each of these functions.



6. A kookaburra flies, perches, kills small lizards and keeps warm in winter. List the structural adaptations for its particular way of life.



7. An ibis eats insects off the ground or small organism found in shallow water. It keeps warm and flies, though it doesn't perch as easily as the kookaburra. List the structures for these functions and compare them with those of the kookaburra.

8. Carnivorous (flesh-eating) animals have adaptations which allow them to catch their food. Your pet cat or dog is a carnivore. List the adaptations they have that would enable them to catch their food in the wild.

